

# Injecting custom tags

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**Summary:** this page explains how to **inject custom tags** into the Health or Engineering dashboards. These custom tags can then be used in custom tiles. Injecting custom tags is available in the CAST Dashboard Package **1.11.0**.

## Introduction

CAST automatically applies tags to certain structural rules via the [Quality Standards Mapping](#) extension, however, it is also possible to **manually inject custom tags**, apply them to specific structural rules and then exploit these custom tags in either the **Engineering** or **Health Dashboard** via a **Custom Tile**.

## Prerequisites

✓	Dashboards <b>1.11.0</b> must be used.
✓	When injecting into <b>AED</b> (i.e. Dashboard Service schema), the <a href="#">Quality Standards Mapping</a> extension <b>MUST</b> be installed otherwise the required column in the <code>aed_quality_tags_doc</code> table does not exist. However, provided that the extension is installed, <b>a schema from any release of AIP</b> can be used.
✓	When injecting into <b>AAD</b> (i.e. Measurement Service schema), all that is required is that <b>a schema from AIP 8.3.15</b> <b>MUST</b> be used. The <a href="#">Quality Standards Mapping</a> extension is not required.

## Injection process

Tags are injected using [CURL](#) with the following syntax:

```
curl -X PUT --header "Content-type: text/csv" --user username:password --upload-file {path to .csv file} http://{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags
```

Where:

Command	Description
-X PUT	Use this to tell CURL to use a PUT instead of a GET (default action)
--header	This specifies that the uploaded content will be in CSV format.
--user username: password	You need to authenticate with the dashboard. Enter your dashboard credentials - i.e. username/password.

<p>--upload-file</p>	<p>Enter the path to the .CSV file containing your custom tags and corresponding rule IDs - avoid paths with white space in them. For example:</p> <pre>--upload-file D:\temp\data.csv</pre> <p>The .CSV file should be formatted with an initial header line containing the <b>Rule ID;Tag</b> pair and then each following line is a rule ID and your tag:</p> <ul style="list-style-type: none"> <li>You can upload multiple custom tags in one CSV file</li> <li>Multiple custom tags can be assigned to one single rule</li> <li>Custom tags must always start with CUSTOM</li> </ul> <p>For example:</p> <pre>Rule ID;Tag 3626;CUSTOM-TOP-PRIORITY-RULES 2236;CUSTOM-TOP-PRIORITY-RULES 7392;CUSTOM-TOP-PRIORITY-RULES 7390;CUSTOM-TOP-PRIORITY-RULES 3558;CUSTOM-MEDIUM-PRIORITY-RULES 7390;CUSTOM-MEDIUM-PRIORITY-RULES</pre>
<p>URL to CAST dashboard</p>	<p>Use the following URL format:</p> <pre>http://{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags</pre> <p>Change the following to your own environment:</p> <ul style="list-style-type: none"> <li>{server}:{port}</li> <li>{dashboard}</li> <li>{domain} either <b>AAD</b> (Health) or <b>AED</b> (Engineering)</li> </ul>

## Removal process

The removal process involves running a CURL command with a DELETE request. The .CSV file contains the **Rule ID;Tag** pairing for the tags you want to remove.

```
curl -X DELETE --header "Content-type: text/csv" --user username:password --upload-file {path to .csv file}
http://{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags
```

## Exploiting custom tags

Once the custom tags have been injected for the structural rules you require, you can then create a **custom tile(s)** in the **Engineering** or **Health Dashboard** to show the number of critical/non-critical violations for the rules that have been assigned the custom tag.



See the following documentation for more information:

- [Engineering Dashboard tile management](#)
- [Health Dashboard tile management](#)